

Detention Mattress

Value Safe



GENERAL SPECS	
General Description	Value Safe Mattress, 4.5 inch thickness, has ample firmness as well as adequate suppleness to provide superior comfort.
Color	Light Green, non-fading, non-bleeding
Seams	100% Sealed Seams (Absolutely No Stitching)
Cleansing	Wipes clean with soap and water, or properly diluted disinfectant (final rinse with water to remove all residues) – do not launder.
Flammability	Meets and exceeds the requirements of: California Technical Bulletin 129, California Technical Bulletin 603, 16 CFR Part 1633
Durability	Resistant to delaminating from flexing action.
Construction	Constructed with a single piece of vinyl, all seams sealed using Radio Frequency Techniques.
Thickness	4.5 inches
Standard widths	Special sizes available in 1" increments up to 36" x 80."
Standard length inches	Special sizes available in 1" increments up to 36" x 80."
Approximate Weight (10 oz core)	4.5 x 25 x 75" – 10.0 lbs 4.5 x 27 x 75" – 10.125 lbs
CORE SPECS	
Material	100% Polyester Fiber Pad
General Description	Made of thermally bonded polyester fiber. No hazardous chemicals or additional ingredients are added during the processing of this product. It's 100% recyclable "green."
Composition	Memory/Fiber Core of Densified Polyester
Flammability	Passed TB 129
Integrated Full Size Pillow	12D 64mm Polyester filled, passes strict BS 5852 Part 2 1982, Attached using an interior sleeve, core contains no hazardous chemical byproducts – 100% recyclable "green."
Density	10 oz per sq. ft. density

COVER SPECS	
Material	Vinyl with 1000D Polyester scrim cover.
Flammability	Exceeds requirements of Fed Std. 191, NFPA 701, CAL 117 and 16 CFR 1632
Seam Strength	In excess of 52 lbs/in - 1 Year warranty on bonding of seams.
Patented Breathable Vent	Sealed on the inside of the cover (Resists water, oil, urine, blood, head lice).
Water Resistant	Resist liquid, body waste and hospital medications, liquid penetration, psi Fed Std/191 5512, F-305, R-296
Bacteria Resistant Properties	This mattress fabric has been treated with Ultrafresh® (EPA Registration #10466-28), a fungistatic agent to protect the product from fungal growth. The agent guards the mattress fabric against degradation from micro-organisms and/or bacteria. Passes: AATCC Method 30-1988, AATCC Method 147-1998, AATCC Method 100-1999
	Abrasion Resistant
Dimensional Stability	Warranty against cracking.
Tear Strength	Avg Warp- 11 lbs, Avg Fill- 13 lbs Ind Warp- 9, 12, 12, 9, 14, Ind Fill- 11, 9, 14, 11, 18
Grab Tensile	Avg Warp: 125 lbf Elongation: 123% Avg Fill: 72 lbf Elongation: 242%
Allergen Information	Skin Irritation Test Draize Dermal result Non-Allergenic

Revised 2/11/13

Detention Mattress

Clear Safe



GENERAL SPECS

General Description	Clear Safe Mattress, 4.5 inch thickness, has ample firmness as well as adequate suppleness to provide superior comfort. Buy American Act Compliant.
Cover	Clear vinyl with polyester scrim.
Seams	100% Sealed Seams (Absolutely No Stitching)
Cleansing	Wipes clean with soap and water, or properly diluted disinfectant (final rinse with water to remove all residues) – do not launder.
Flammability	Meets and exceeds the requirements of: California Technical Bulletin 129, California Technical Bulletin 603, 16 CFR Part 1632 & 1633
Durability	Resistant to delaminating from flexing action.
Construction	Constructed with a single piece of vinyl, all seams sealed using Radio Frequency Techniques.
Thickness	4.5 inches
Standard widths	Special sizes available in 1" increments up to 36" x 80."
Standard length inches	Special sizes available in 1" increments up to 36" x 80."
Approximate Weight	4.5 x 25 x 75" - 10.0 lbs 4.5 x 27 x 75" - 10.125 lbs

COVER SPECS

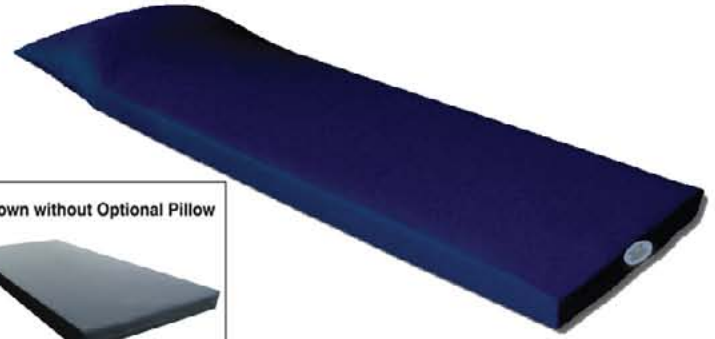
Material	Clear Vinyl with polyester scrim.
Flammability	Exceeds requirements of Fed Std. 191, NFPA 701, CAL 117 and 16 CFR 1632
Seam Strength	In excess of 52 lbs/in - 2 year warranty on bonding of the seams.
Patented Breathable Vent	Sealed on the inside of the cover (Resists water, oil, urine, blood, head lice).
Water Resistant	Resist liquid, body waste and hospital medications, liquid penetration, 114 psi. Standard 191A - TM5512-1978
Bacteria Resistant Properties	This mattress fabric has been treated with Ultrafresh® (EPA Registration #10466-28), a fungistatic agent to protect the product from fungal growth. The agent guards the mattress fabric against degradation from micro-organisms and/or bacteria. Passes: AATCC Method 30-2004, AATCC 6275
	Abrasion Resistant
Tear Strength	Avg Warp- 11 lbs, Avg Fill- 13 lbs Ind Warp- 9, 12, 12, 9, 14, Ind Fill- 11, 9, 14, 11, 18
Grab Tensile	Avg Warp: 125 lbf Elongation: 123% Avg Fill: 72 lbf Elongation: 242%
Allergen Information	Skin Irritation Test Draize Dermal result Non-Allergenic

CORE SPECS

Material	100% Polyester Fiber Pad
General Description	Made of thermally bonded polyester fiber. No hazardous chemicals or additional ingredients are added during the processing of this product. It's 100% recyclable "green."
Composition	Max Life Fiber Core of Densified Polyester
Flammability	Passed TB 129
Integrated Full Size Pillow	12D 64mm Polyester filled, passes strict BS 5852 Part 2 1982, Attached using an interior sleeve.
Density	12 oz

Detention Mattress

Fusion Advantage



Shown without Optional Pillow



GENERAL SPECS

General Description	Fusion Advantage Mattress, 4.5 inch thickness, has ample firmness as well as adequate suppleness to provide superior comfort. Buy American Act Compliant.
Cover	Non-fading, non-bleeding
Seams	100% Sealed Seams (Absolutely No Stitching)
Cleansing	Wipes clean with soap and water, or properly diluted disinfectant (final rinse with water to remove all residues) – do not launder.
Flammability	Meets and exceeds the requirements of: California Technical Bulletin 129, California Technical Bulletin 603, 16 CFR Part 1633
Durability	Resistant to delaminating from flexing action.
Construction	Constructed with Polyurethane coated nylon, all seams sealed using Radio Frequency Techniques Passed Jungle Test Standard 4.5 inch thickness
Standard length	Special sizes available in 1" increments up to 36" x 80."
Standard widths	Special sizes available in 1" increments up to 36" x 80."
Approximate Weight	4.5 x 25 x 75" – 11.5 lbs, 4.5 x 27 x 75" – 12.0 lbs,

CORE SPECS

Material	100% Polyester Fiber Pad
General Description	Made of thermally bonded polyester fiber. No hazardous chemicals or additional ingredients are added during the processing of this product. It's 100% recyclable "green."
Composition	Max Life Fiber Core of Densified Polyester
Passed	TB 129
Integrated Full Size Pillow	12D 64mm Polyester filled, passes strict BS 5852 Part 2 1982, Attached using an interior sleeve.
Density	12 oz.

COVER SPECS

Material	Thermal Polyurethane Coated Nylon Fabric. Will not crack and is pinhole free.
Seam Strength	In excess of 63 lbs/in - 5 year warranty on bonding of the seams.
Flammability	Passed 16 CFR 1632, BSEN 1021-2 1994, BSEN 102-1 1994, NFPA 701 and small scale TB 1117
Dimensional Stability	Will not crack
Bacteria Resistant Properties	This mattress fabric has been treated with Ultrafresh® (EPA Registration #10466-28), a fungistatic agent to protect the product from fungal growth. The agent guards the mattress fabric against degradation from micro-organisms and/or bacteria. Passes: AATCC Method 30-1988, AATCC Method 147-2004
Tear Strength	Excellent tear strength, ASTM D751, 3" x 2" TD (lbs)
Tongue Method	ASTM D751, 7.3 TD (lbs)
Breaking Strength	ASTM D751, 74 MD (lbs), Grab Method 142 TD (lbs)
Adhesion Coating	ASTM D751, 10lbs/in
Stretch	CFFA-15, 34 MD (%), 18 TD (%)
Moisture Vapor Transmission	Procedure B: ASTM E96, 137 (g/m ² /24h)
Hydrostatic Resistance	Procedure A.1: ASTM D751, 109 (psi) ASTM D6413, 1.5 MD(s), Afterlace 0 TD(s) ASTM D6413, 5.9 MD (in), Char Length 5.2 TD (in)